



Product Evaluation

WIN1965 | 0215

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-1965

Effective Date: February 1, 2015

Re-evaluation Date: February 2018

Product Name: Series 120/130 Vinyl Horizontal Sliding Windows, New and Replacement Construction, Single-Sash and Double Sash, Non-Impact Resistant

Manufacturer: Atrium Windows & Doors
9001 Ambassador Row
Dallas, TX 75247
(214) 637-2696

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|---|-----------------------|------------------------|
| 1 | Series 120/130 HS (FIN) Vinyl, Horizontal Sliding Windows; New Construction; (OX) | LC PG50 (74 X 50)-HS | +50 / -50 psf |
| 2 | Series 120/130 HS (FINLESS) Vinyl, Horizontal Sliding Windows; Replacement Construction; (OX) | LC PG50 (74 X 50)-HS | +50 / -50 psf |
| 3 | Series 120/130 HS (FIN) Vinyl, Horizontal Sliding Windows; New Construction; (OX) | LC PG40 (74 X 63)-HS | +40 / -40 psf |
| 4 | Series 120/130 HS (FINLESS) Vinyl, Horizontal Sliding Windows; Replacement Construction; (OX) | LC PG40 (74 X 63)-HS | +40 / -40 psf |
| 5 | Series 120/130 HS (FIN) Vinyl, Horizontal Sliding Windows; New Construction; (XOX) | LC PG50 (108 X 50)-HS | +50 / -50 psf |

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|--|-----------------------|------------------------|
| 6 | Series 120/130 HS (FINLESS) Vinyl, Horizontal Sliding Windows; Replacement Construction; (XOX) | LC PG50 (108 X 50)-HS | +50 / -50 psf |

Product Dimensions:

| System | Overall Size | Operable Glass Daylight Opening Size | Fixed Glass Daylight Opening Size |
|--------|--------------|--------------------------------------|-----------------------------------|
| 1 | 74" x 50" | 33-1/4" x 44-7/8" | 33-1/4" x 45" |
| 2 | 74" x 50" | 33-1/4" x 44-7/8" | 33-1/4" x 45" |
| 3 | 74" x 63" | 33-3/16" x 58" | 33-3/8" x 57-7/8" |
| 4 | 74" x 63" | 33-3/16" x 58" | 33-3/8" x 57-7/8" |
| 5 | 108" x 50" | 32-11/16" x 45-1/16" | 32-1/2" x 45" |
| 6 | 108" x 50" | 32-11/16" x 45-1/16" | 32-1/2" x 45" |

Product Identification (Certification Label on Window):

| System | | |
|--------|----------------------------------|---------------------------------|
| 1- 6 | Certification Agency | AAMA |
| | Manufacturer's Name or Code Name | ADW-8 |
| | Product Name | Series 130 HS (FS2, FS3) |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1-6 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

Installation:

| System | | |
|----------------------|---------------------------|---|
| 1, 3, 5 (FIN) | Type of Installation | New Construction – Wood Frame |
| | Wall Framing | Spruce-Pine-Fir Dimension lumber |
| | Fasteners | Minimum No. 8 x 1-5/8" pan head screws |
| | Fastener Location/Spacing | Drive fasteners around the entire window perimeter through the nail fin at 2" from each corner centerline and at 8" on center thereafter. |
| | Fastener Penetration | Minimum 1-1/2" into the wall framing |
| 2, 4, 6 (FINLESS) | Type of Installation | Replacement Construction – Wood Frame |
| | Wall Framing | Spruce-Pine-Fir Dimension lumber |
| | Fasteners | Minimum No. 10 x 2-1/2" pan head screws |
| | Fastener Location/Spacing | Drive fasteners through the head, sill, and jambs at 6" from each corner centerline and at 20" on center thereafter. |
| | Fastener Penetration | Minimum 1-1/2" into the wall framing |

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.